Fig. 1

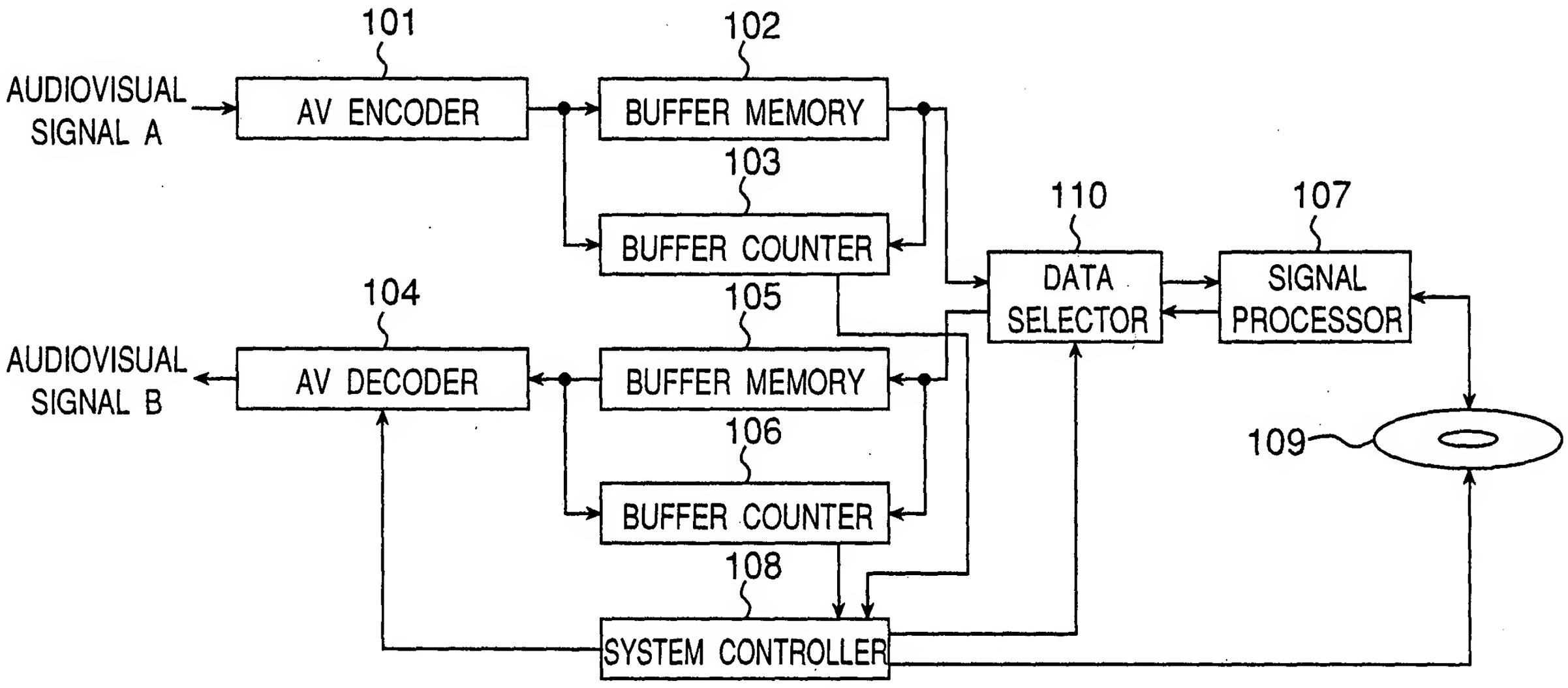
101
102
AUDIOVISUAL SIGNAL A
AV ENCODER
BUFFER MEMORY
103
BUFFER COUNTER
110
107
DATA SELECTOR
SIGNAL PROCESSOR
104
105
AUDIOVISUAL SIGNAL B
AV DECODER
BUFFER MEMORY
109
106
BUFFER COUNTER
108
SYSTEM CONTROLLER

Fig.2A

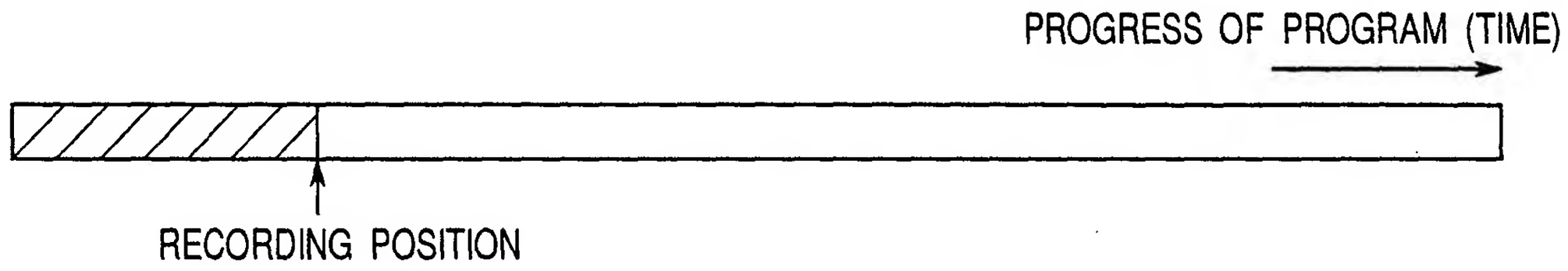

Fig.2B

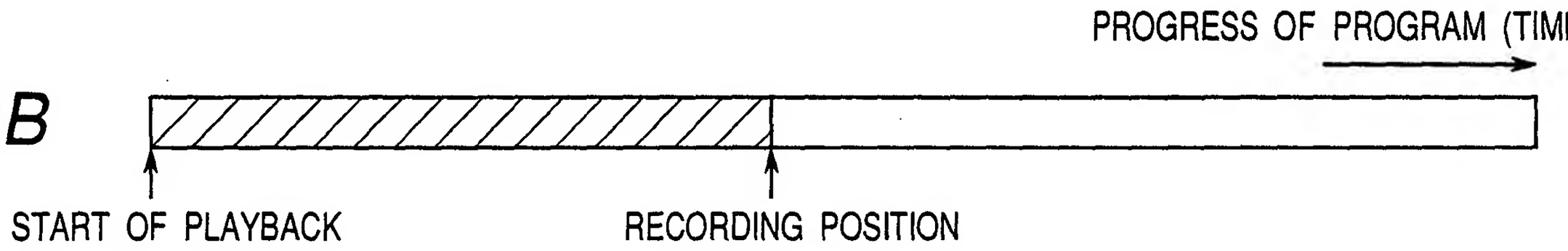

Fig.2C

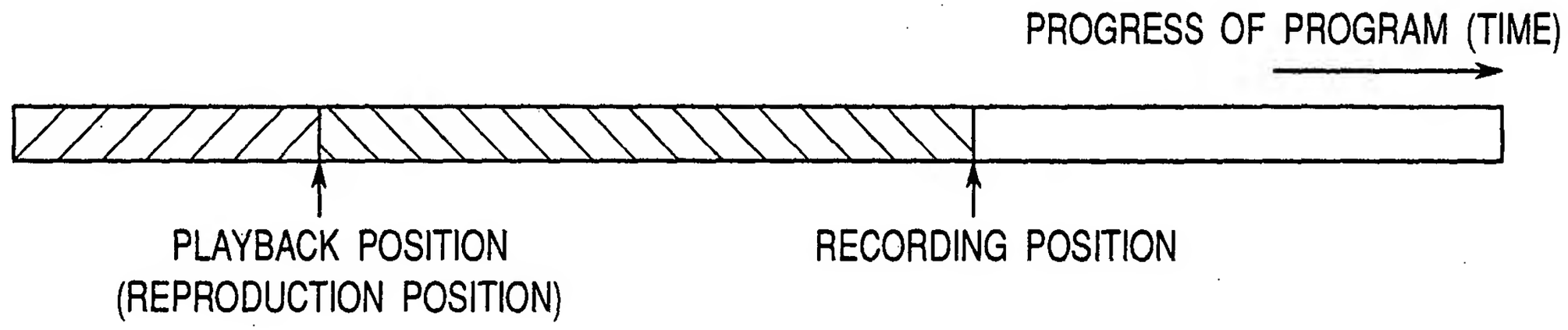

Fig.3

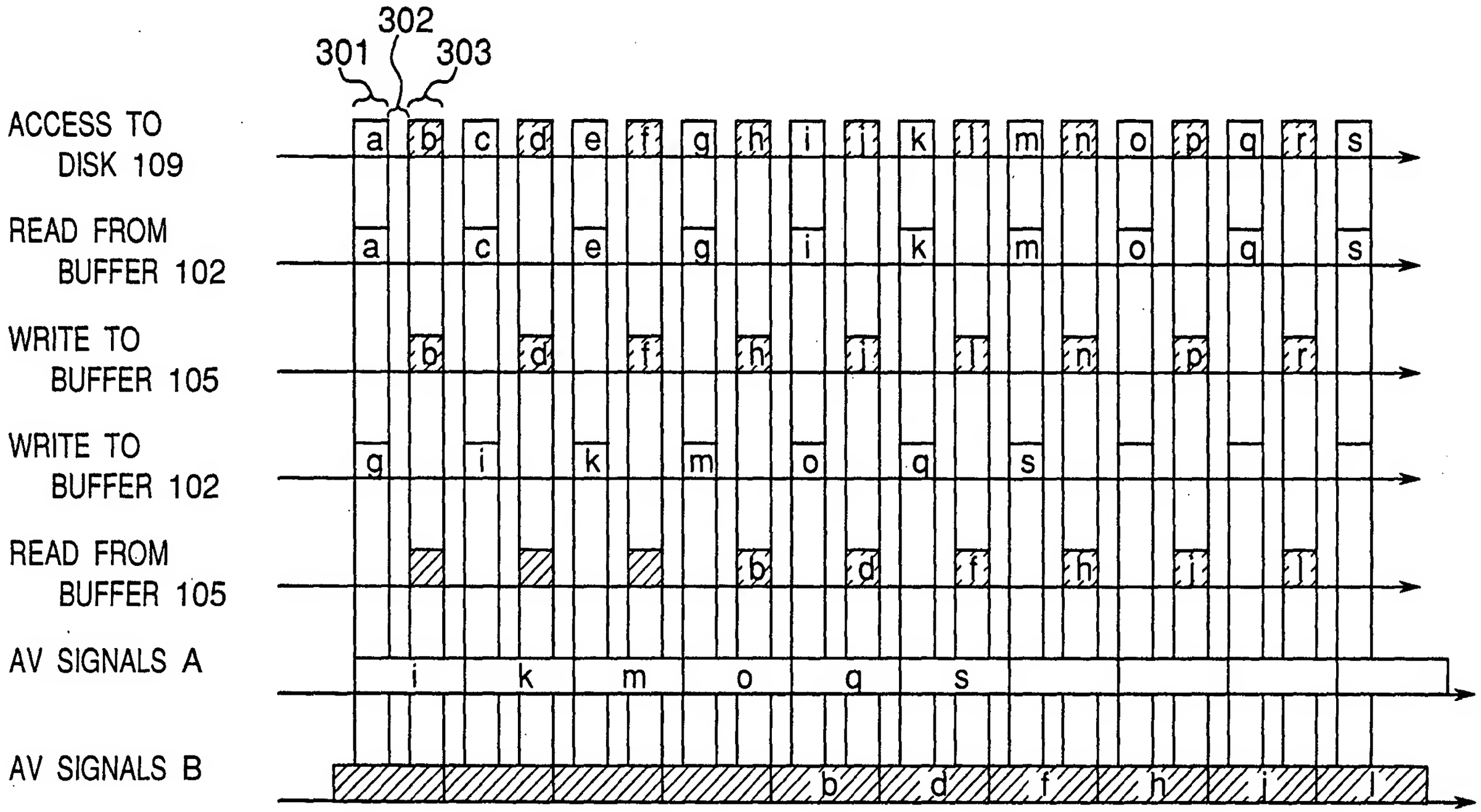
302
301
303
ACCESS TO DISK 109
READ FROM BUFFER 102
WRITE TO BUFFER 105
WRITE TO BUFFER 102
READ FROM BUFFER 105
AV SIGNALS A
AV SIGNALS B
a b c d e f g h i j k l m n o p q r s
a c e g i k m o q s
b d f h j l
g i k m o q s
b d f h j l
i k m o q s
b d f h j l

Fig.4

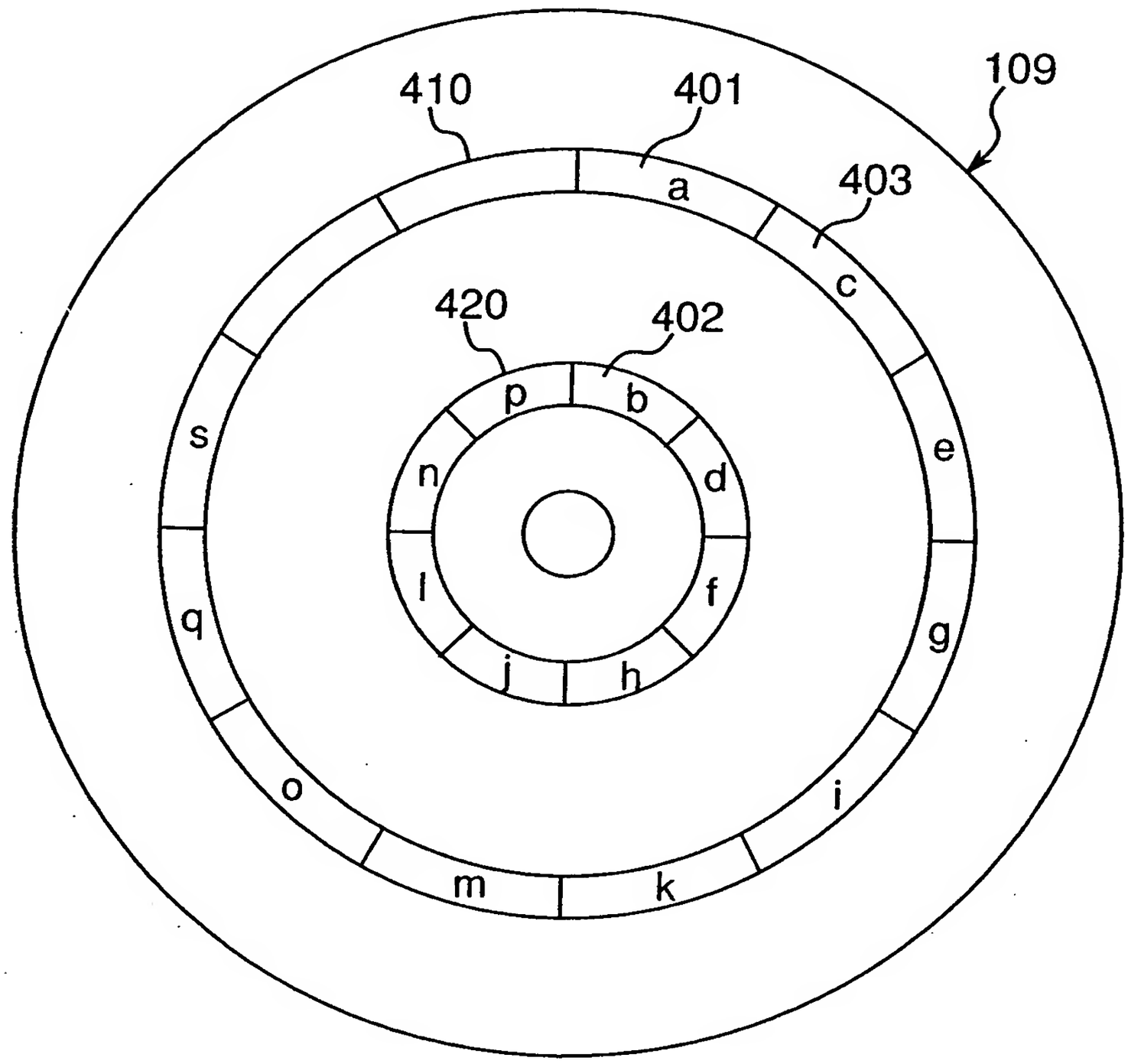

Fig.5

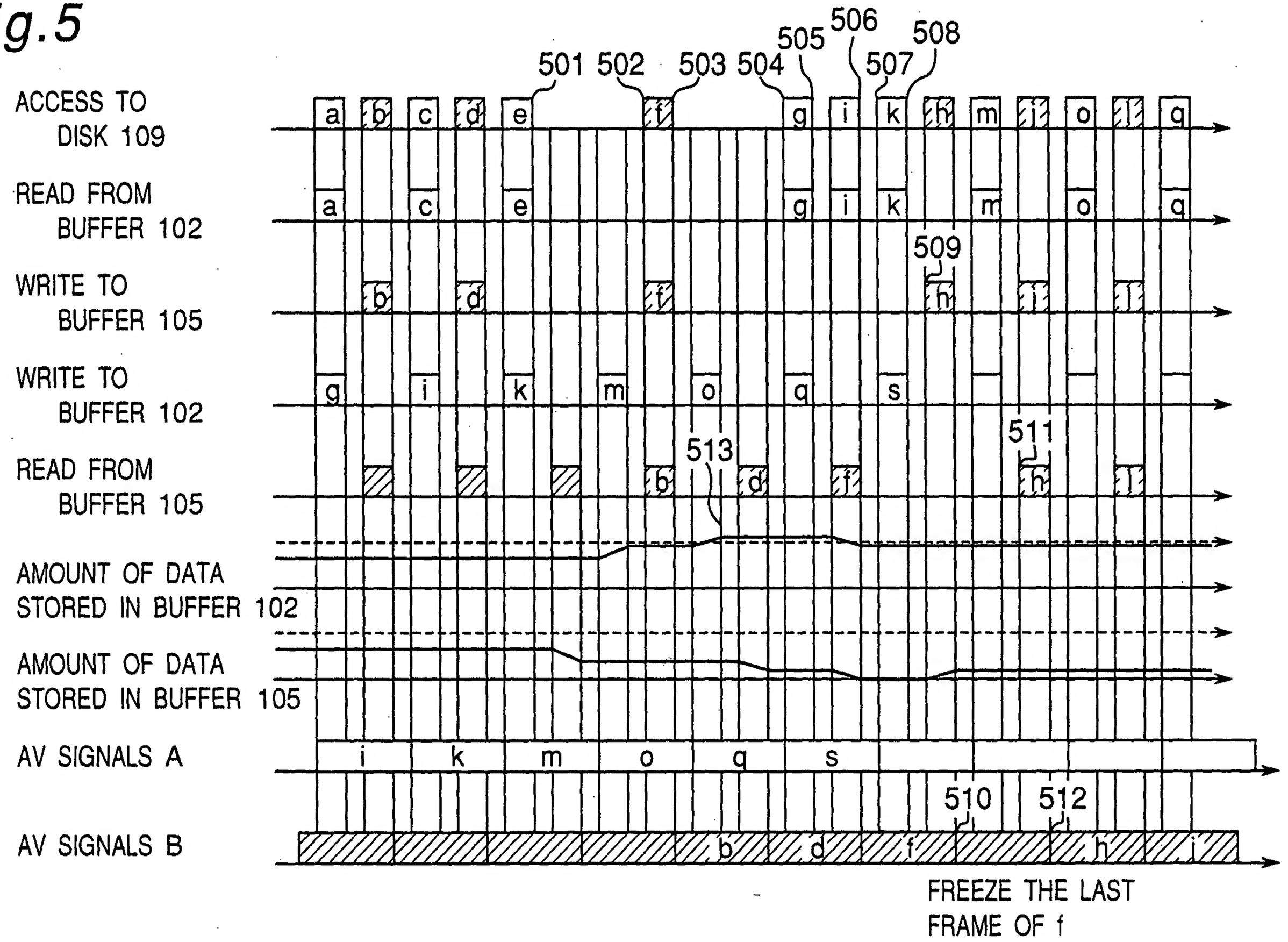
ACCESS TO DISK 109
READ FROM BUFFER 102
WRITE TO BUFFER 105
WRITE TO BUFFER 102
READ FROM BUFFER 105
AMOUNT OF DATA STORED IN BUFFER 102
AMOUNT OF DATA STORED IN BUFFER 105
AV SIGNALS A
AV SIGNALS B
501
502
503
504
505
506
507
508
509
510
511
512
513
FREEZE THE LAST FRAME OF f

Fig.6

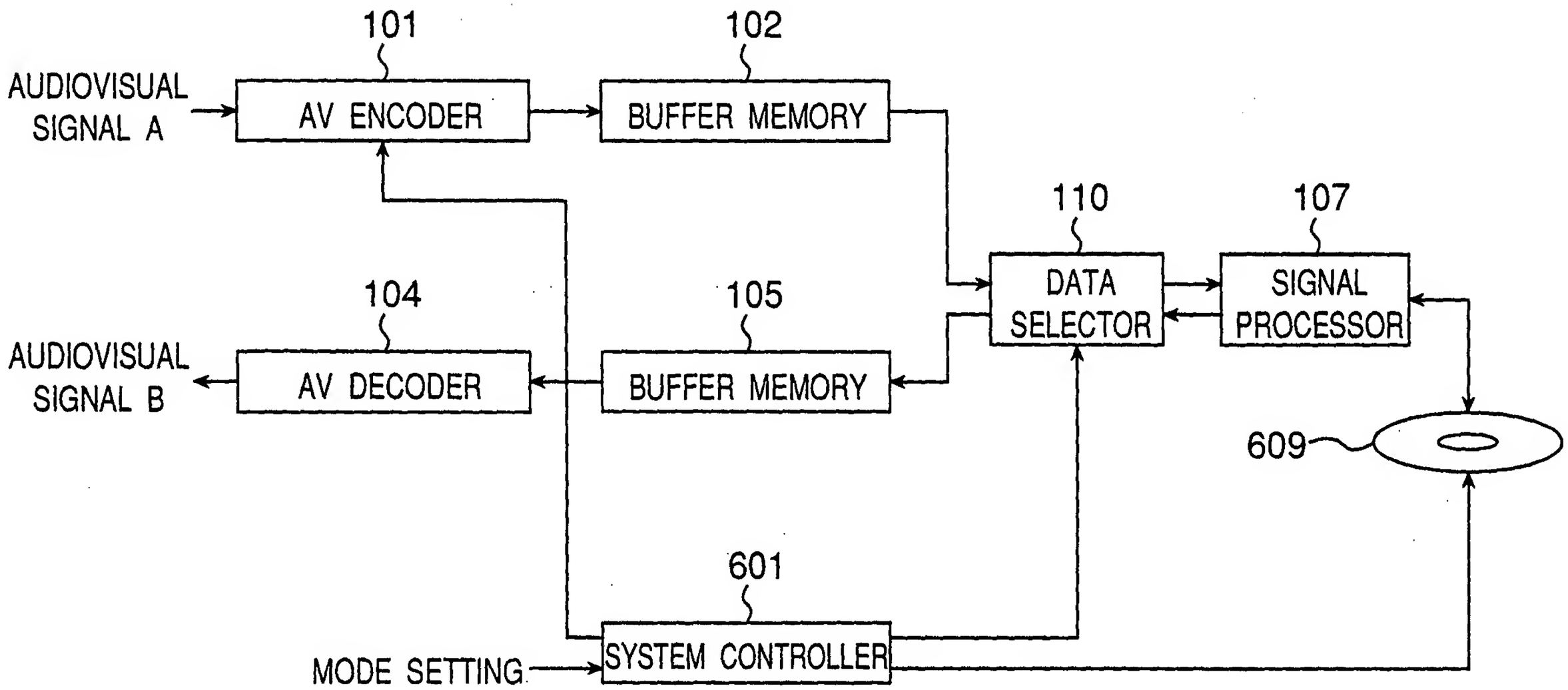
101
102
AUDIOVISUAL SIGNAL A
AV ENCODER
BUFFER MEMORY
110
107
DATA SELECTOR
SIGNAL PROCESSOR
104
105
AUDIOVISUAL SIGNAL B
AV DECODER
BUFFER MEMORY
609
601
MODE SETTING
SYSTEM CONTROLLER

Fig.7

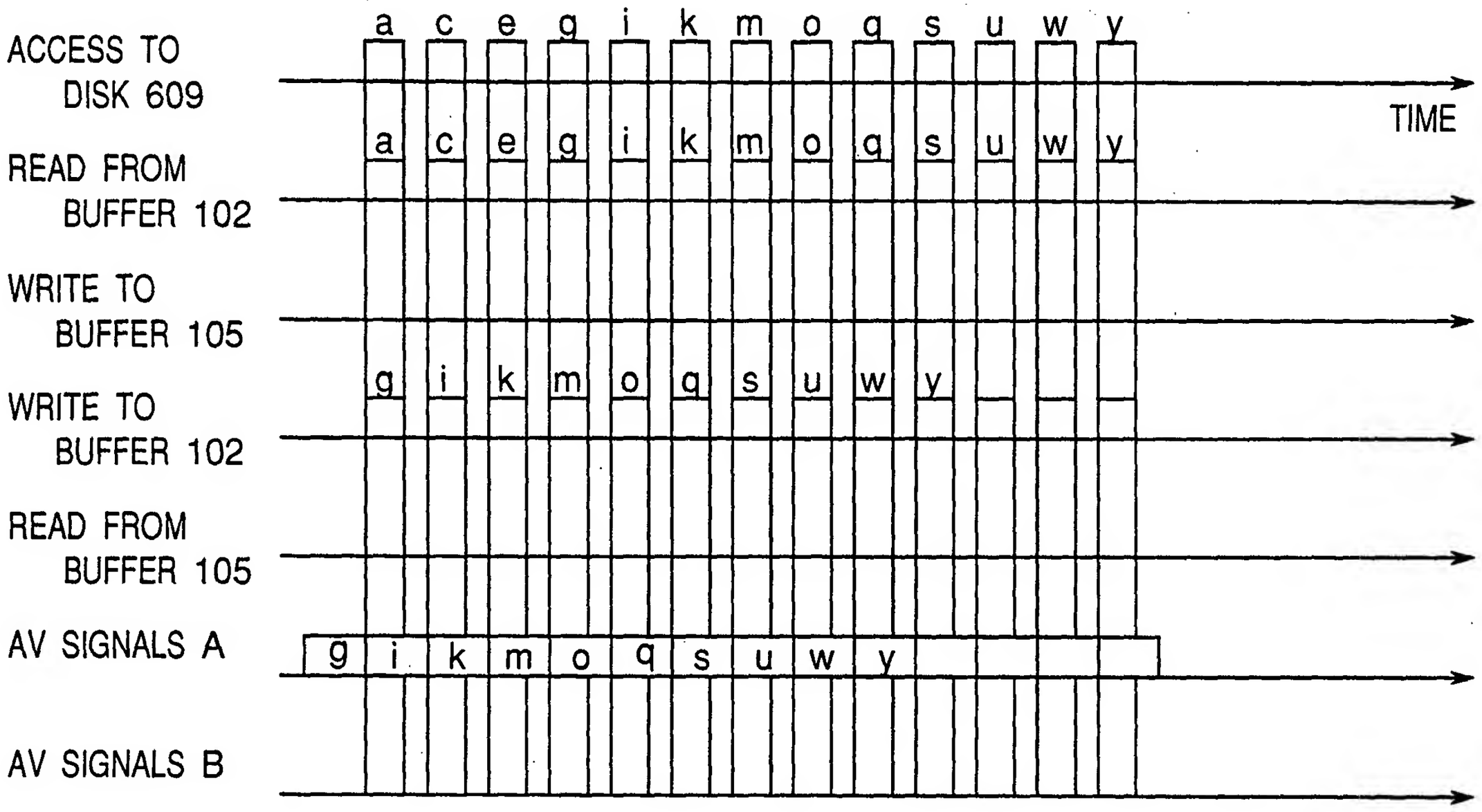
a c e g i k m o q s u w y
ACCESS TO DISK 609
TIME
a c e g i k m o q s u w y
READ FROM BUFFER 102
WRITE TO BUFFER 105
g i k m o q s u w y
WRITE TO BUFFER 102
READ FROM BUFFER 105
AV SIGNALS A
g i k m o q s u w y
AV SIGNALS B

Fig.8

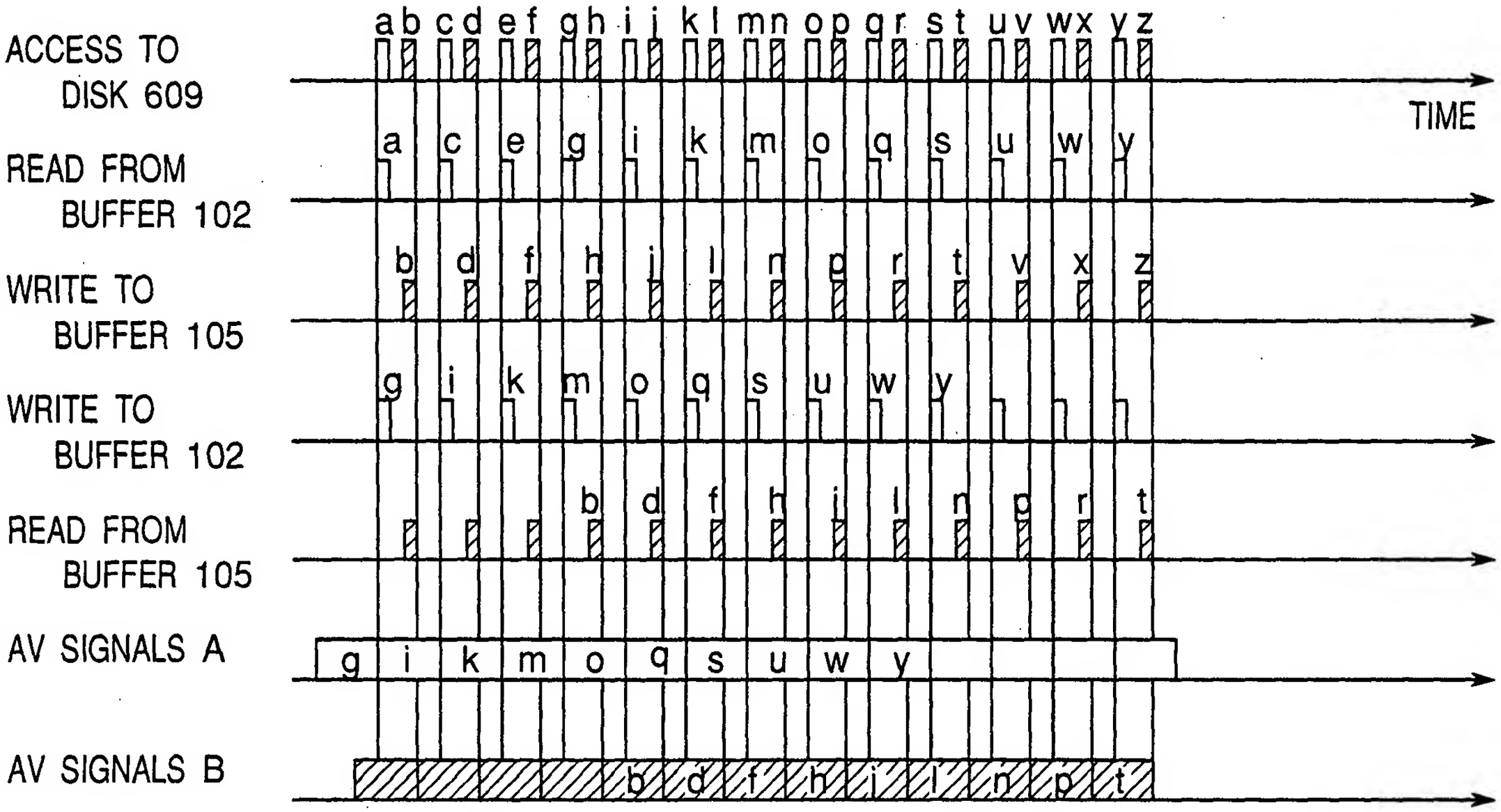
ACCESS TO DISK 609
READ FROM BUFFER 102
WRITE TO BUFFER 105
WRITE TO BUFFER 102
READ FROM BUFFER 105
AV SIGNALS A
AV SIGNALS B
TIME
a b c d e f g h i j k l m n o p q r s t u v w x y z
a c e g i k m o q s u w y
b d f h j l n p r t v x z
g i k m o q s u w y
b d f h i l n p r t
g i k m o q s u w y
b d f h i l n p t

Fig.9

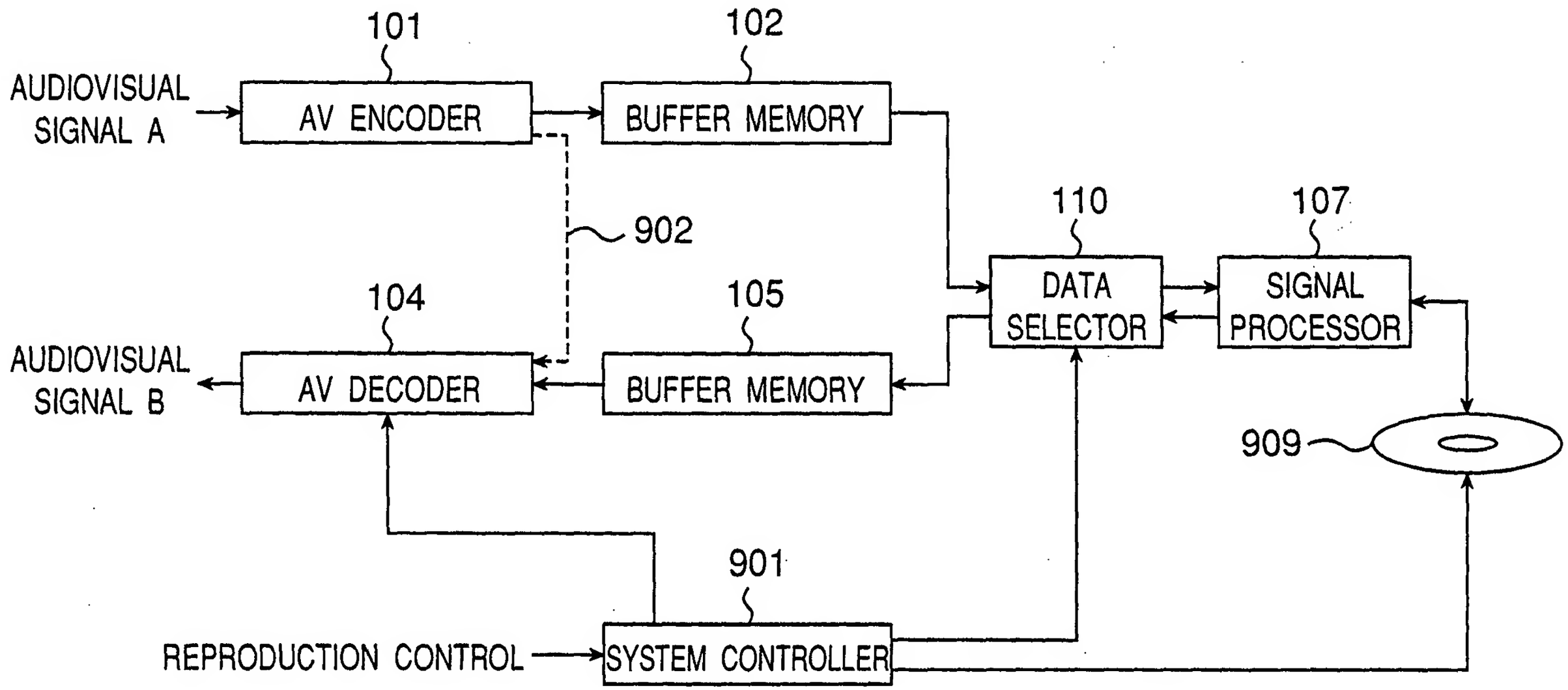
101
102
AUDIOVISUAL SIGNAL A
AV ENCODER
BUFFER MEMORY
902
110
107
DATA SELECTOR
SIGNAL PROCESSOR
104
105
AUDIOVISUAL SIGNAL B
AV DECODER
BUFFER MEMORY
909
901
REPRODUCTION CONTROL
SYSTEM CONTROLLER

Fig.10

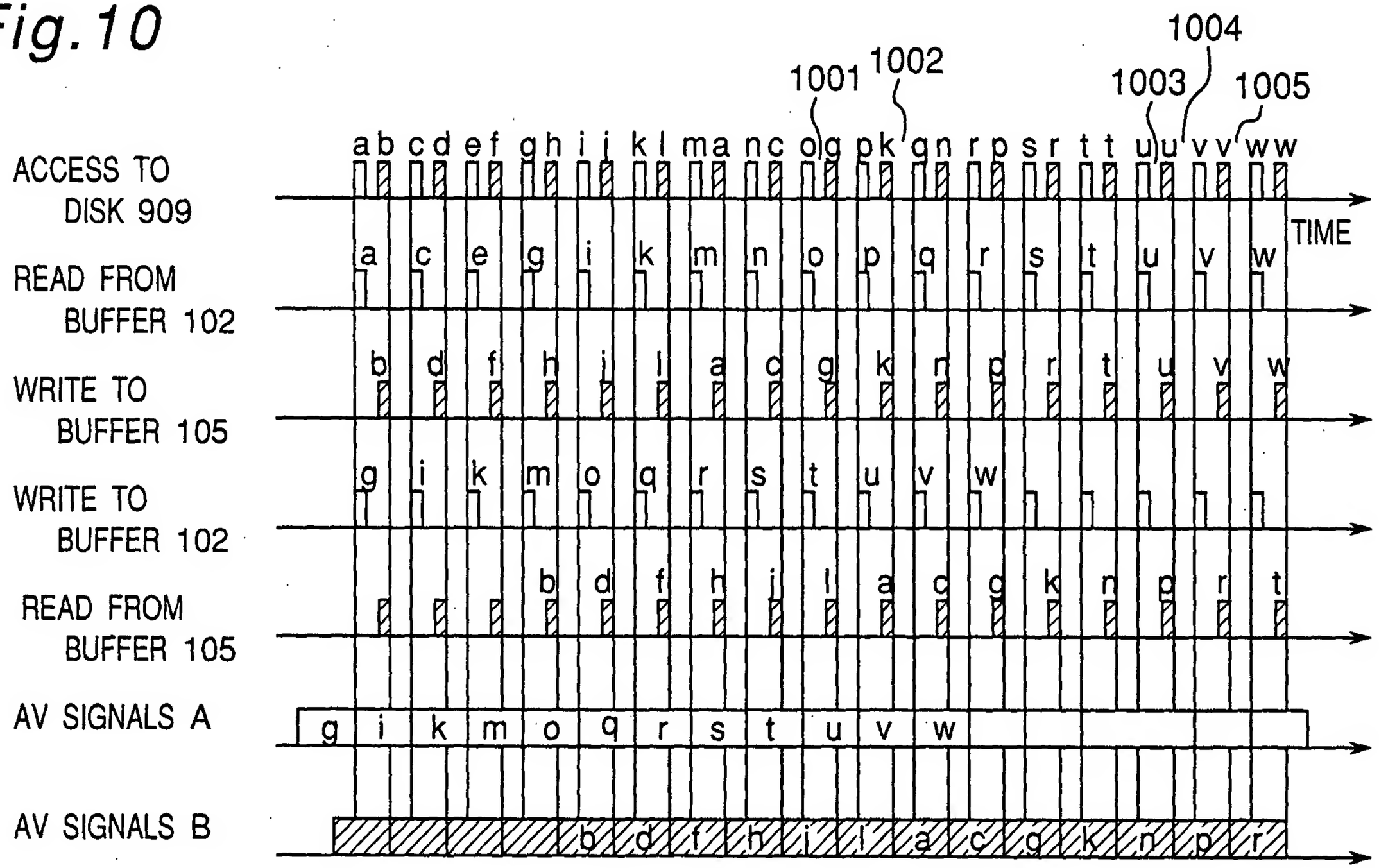
1001
1002
1003
1004
1005
ACCESS TO DISK 909
READ FROM BUFFER 102
WRITE TO BUFFER 105
WRITE TO BUFFER 102
READ FROM BUFFER 105
AV SIGNALS A
AV SIGNALS B
TIME

Fig.11

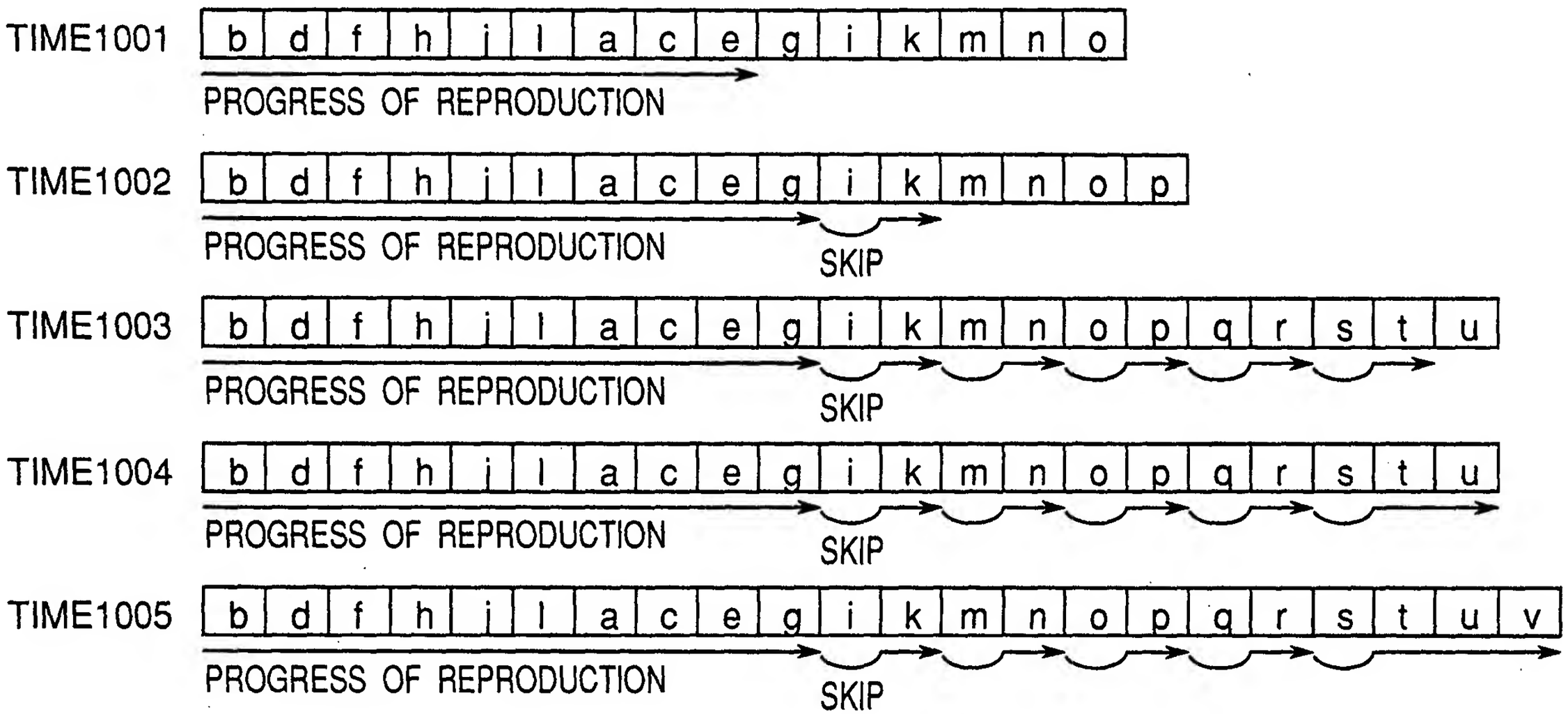
TIME1001
b d f h j l a c e g i k m n o
PROGRESS OF REPRODUCTION
TIME1002
b d f h j l a c e g i k m n o p
PROGRESS OF REPRODUCTION
SKIP
TIME1003
b d f h j l a c e g i k m n o p q r s t u
PROGRESS OF REPRODUCTION
SKIP
TIME1004
b d f h j l a c e g i k m n o p q r s t u
PROGRESS OF REPRODUCTION
SKIP
TIME1005
b d f h j l a c e g i k m n o p q r s t u v
PROGRESS OF REPRODUCTION
SKIP

Fig.12

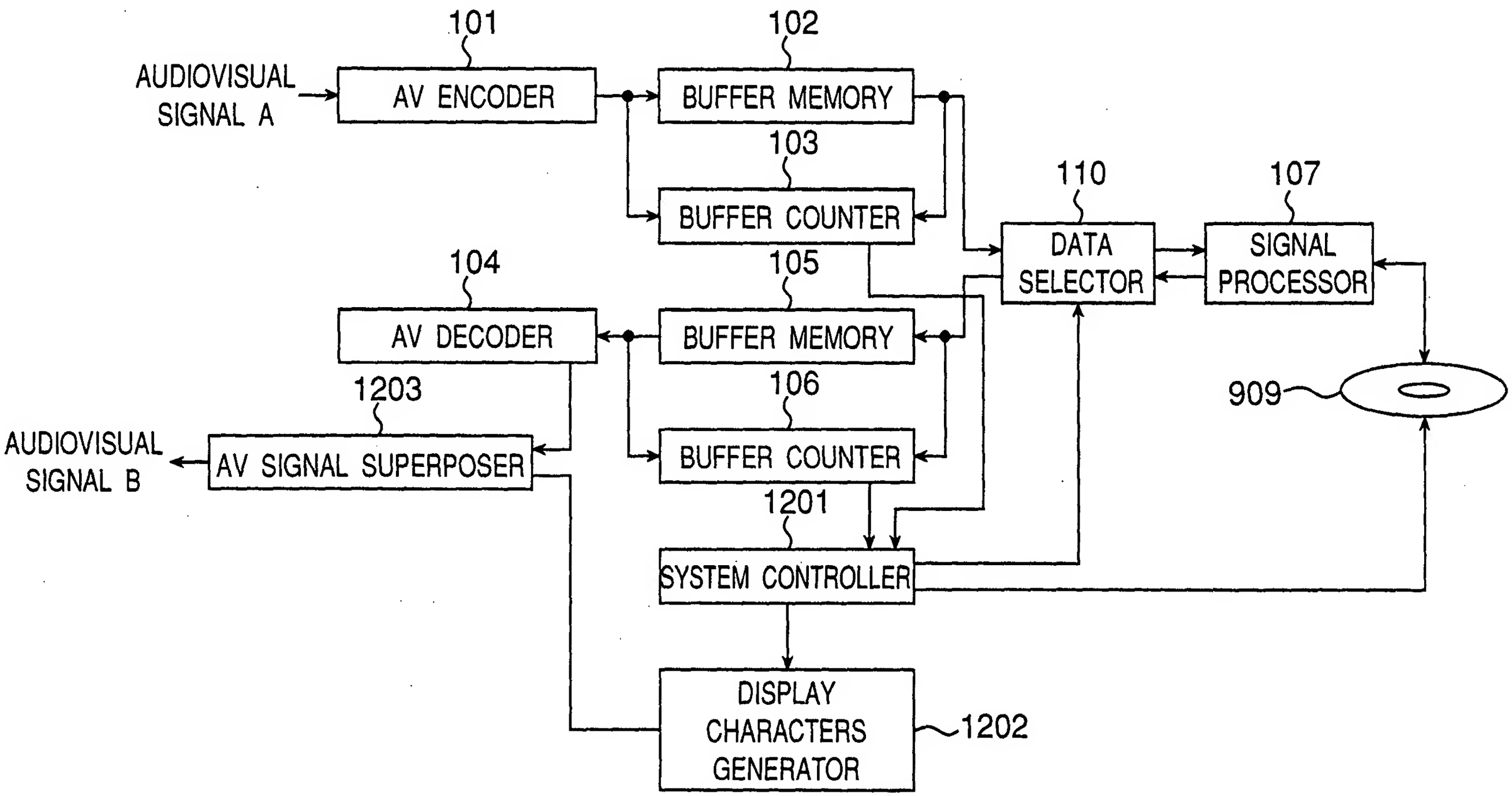
101
AUDIOVISUAL SIGNAL A
AV ENCODER
102
BUFFER MEMORY
103
BUFFER COUNTER
110
DATA SELECTOR
107
SIGNAL PROCESSOR
104
AV DECODER
105
BUFFER MEMORY
909
1203
106
AUDIOVISUAL SIGNAL B
AV SIGNAL SUPERPOSER
BUFFER COUNTER
1201
SYSTEM CONTROLLER
DISPLAY CHARACTERS GENERATOR
1202

Fig.13

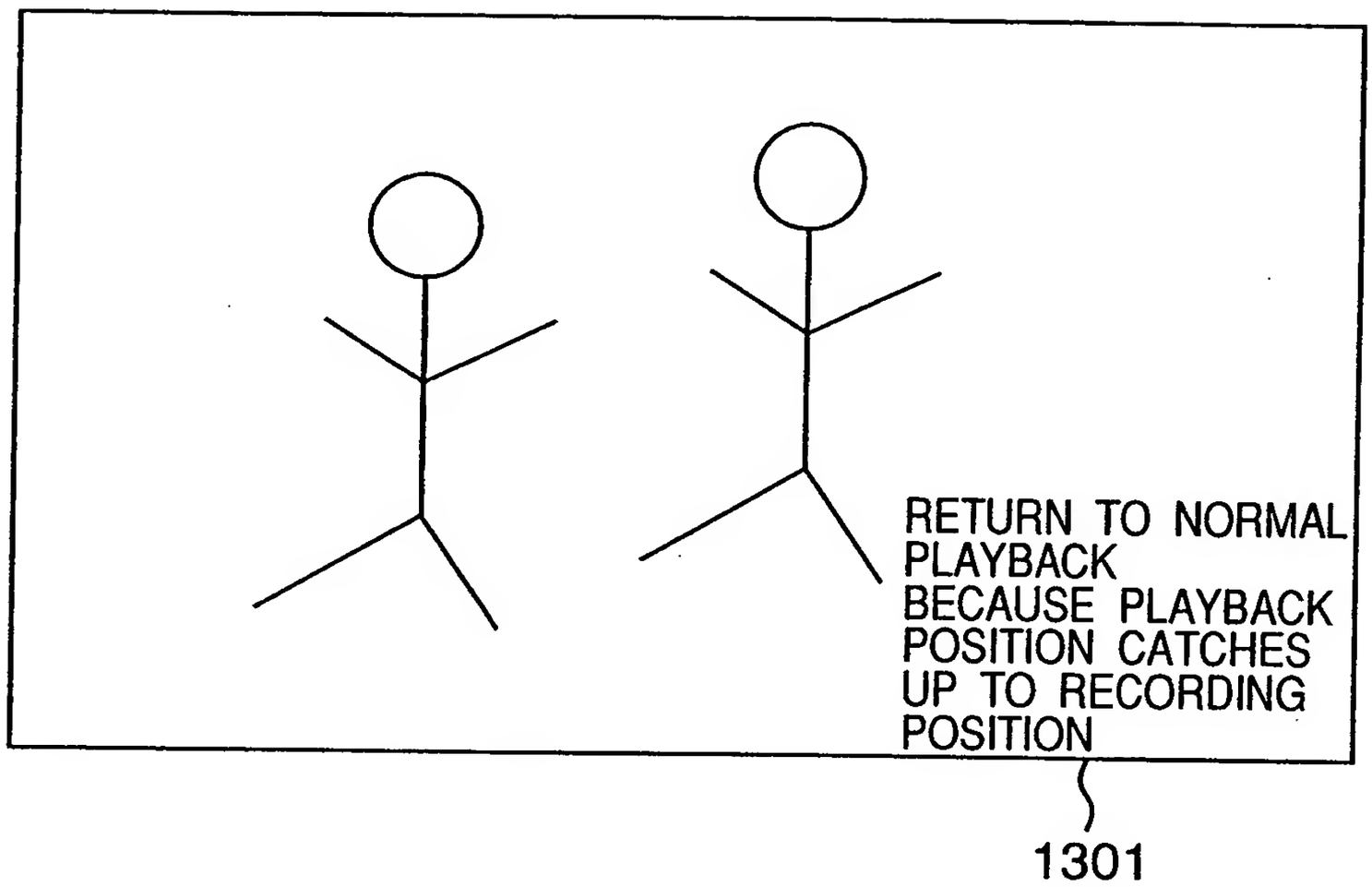
RETURN TO NORMAL PLAYBACK BECAUSE PLAYBACK POSITION CATCHES UP TO RECORDING POSITION
1301

Fig.14

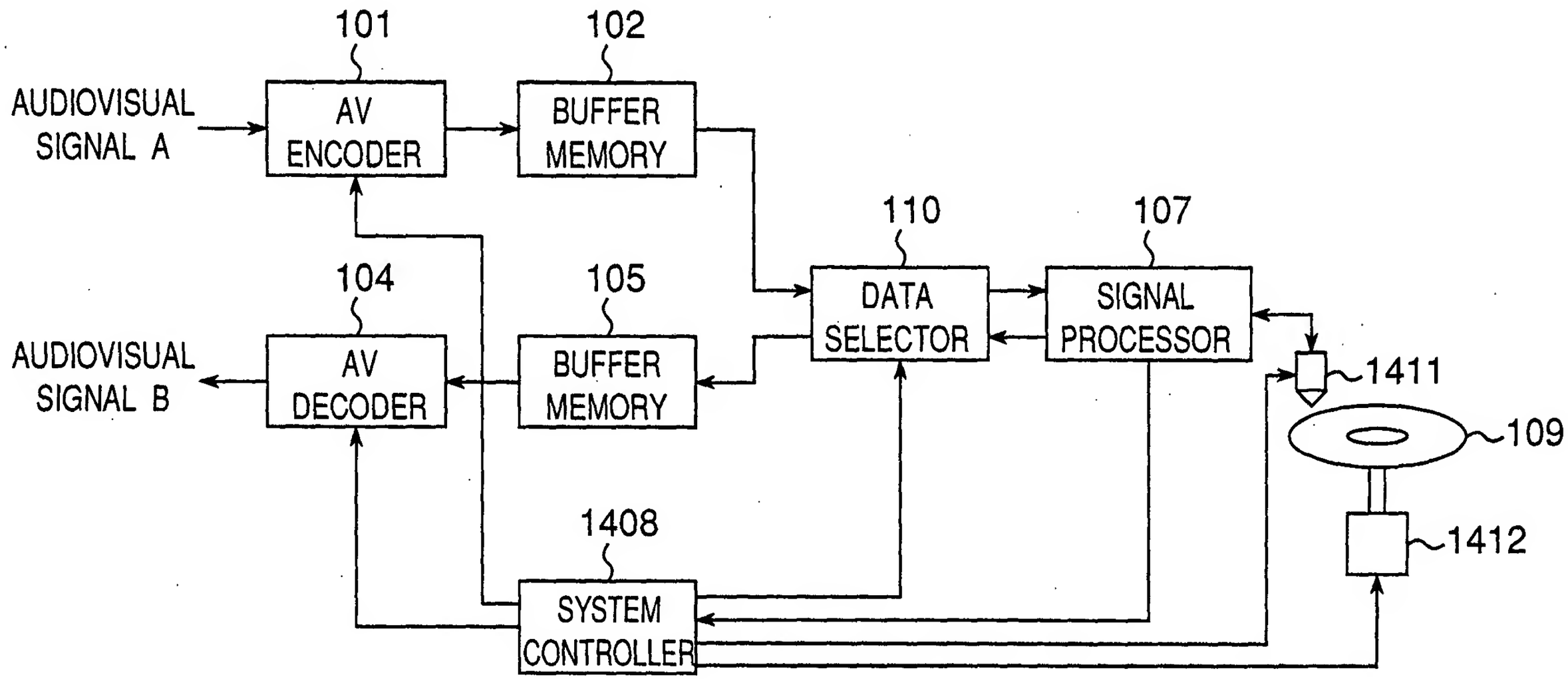
101
102
AUDIOVISUAL SIGNAL A
AV ENCODER
BUFFER MEMORY
110
107
104
105
DATA SELECTOR
SIGNAL PROCESSOR
AUDIOVISUAL SIGNAL B
AV DECODER
BUFFER MEMORY
1411
109
1408
1412
SYSTEM CONTROLLER

Fig.15

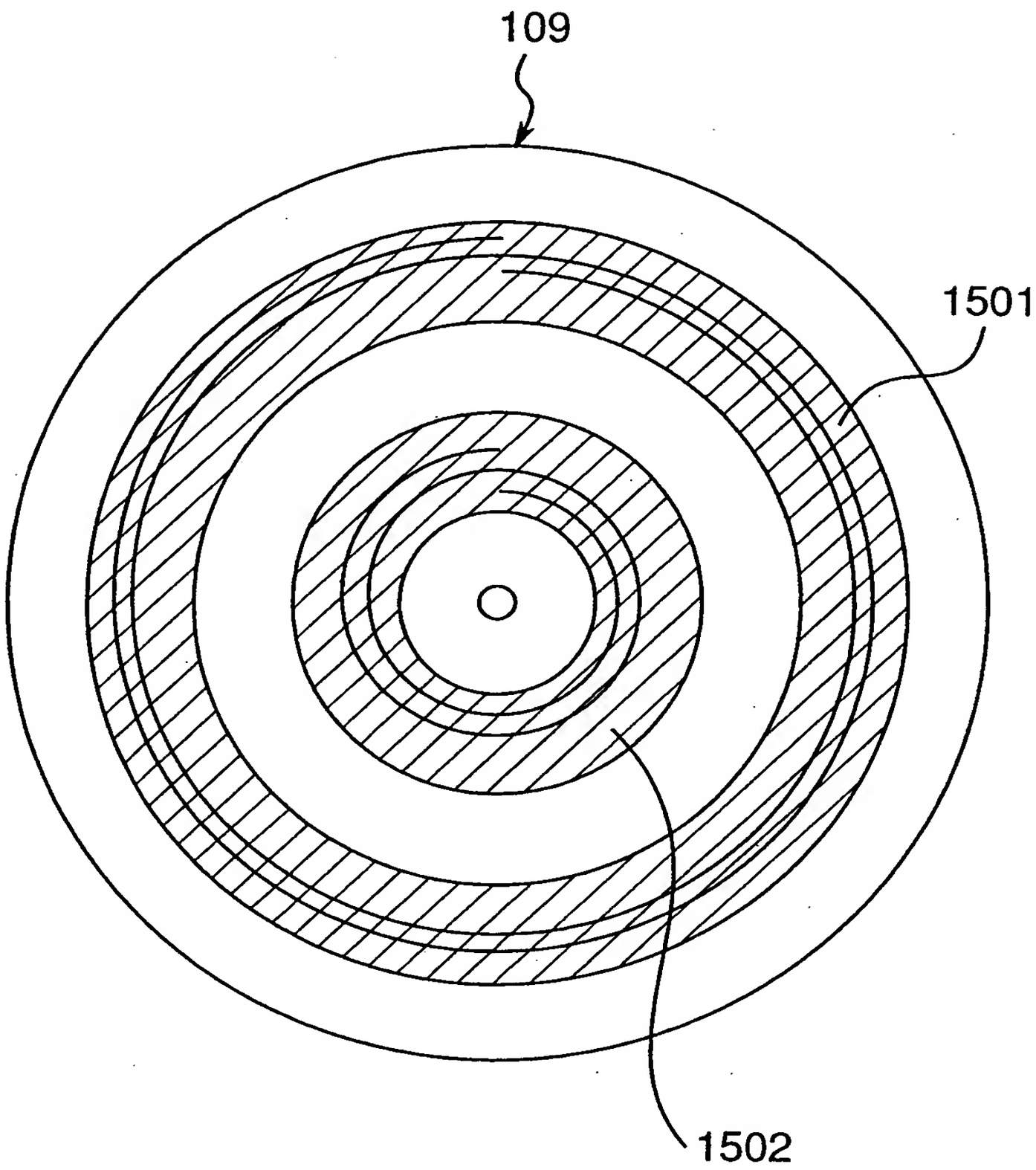

Fig.16

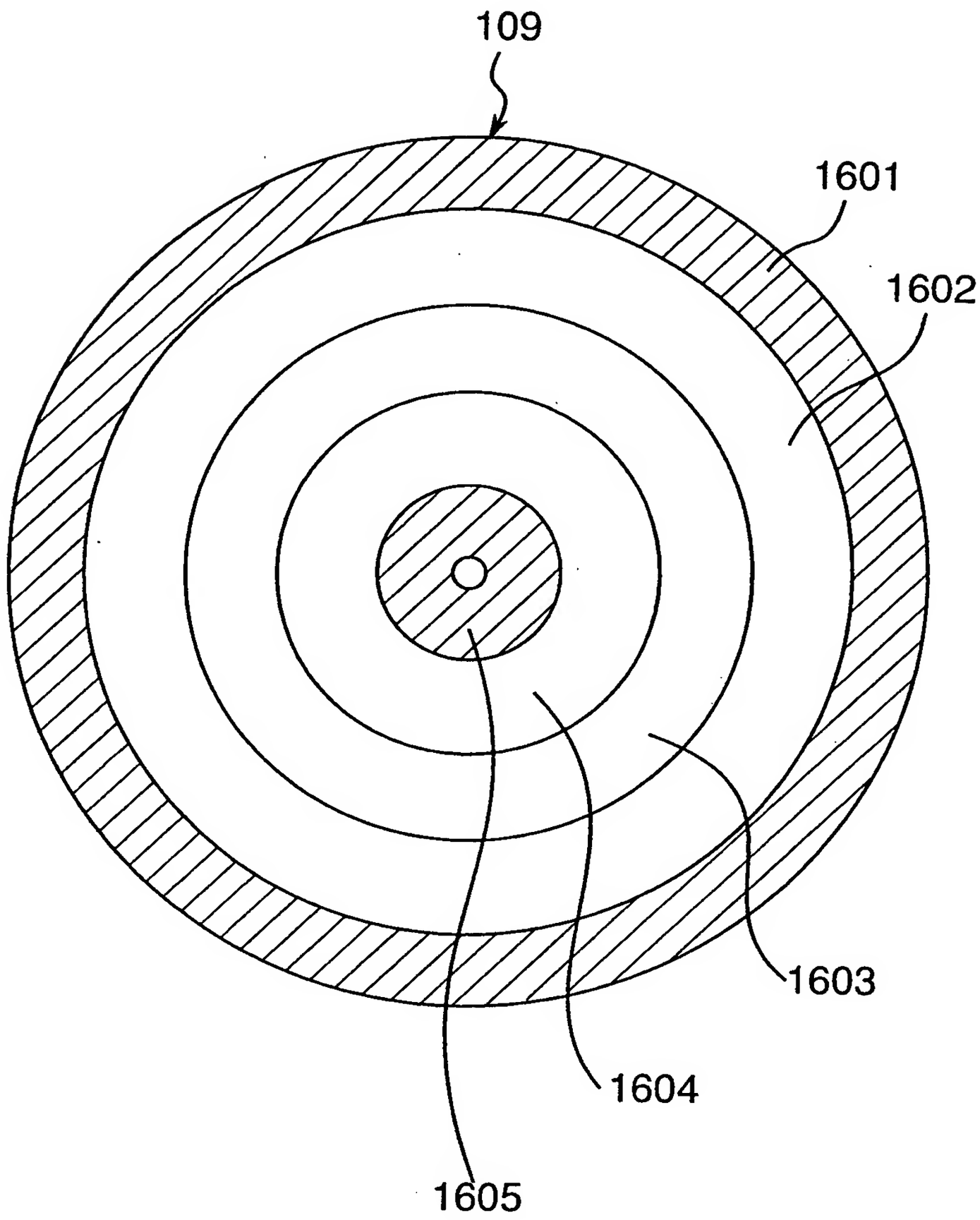

Fig.17

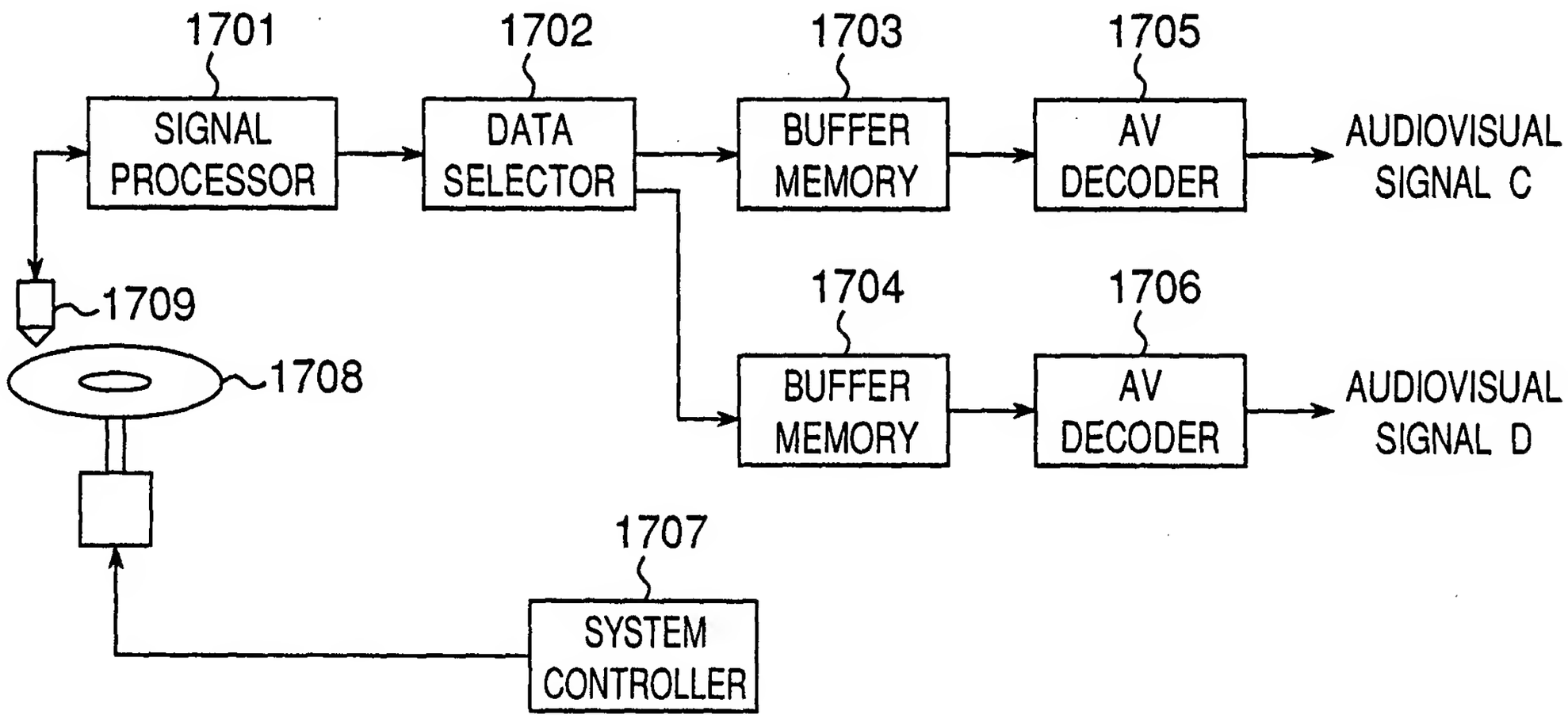
1701
SIGNAL PROCESSOR
1702
DATA SELECTOR
1703
BUFFER MEMORY
1705
AV DECODER
AUDIOVISUAL SIGNAL C
1709
1708
1704
BUFFER MEMORY
1706
AV DECODER
AUDIOVISUAL SIGNAL D
1707
SYSTEM CONTROLLER

Fig.18

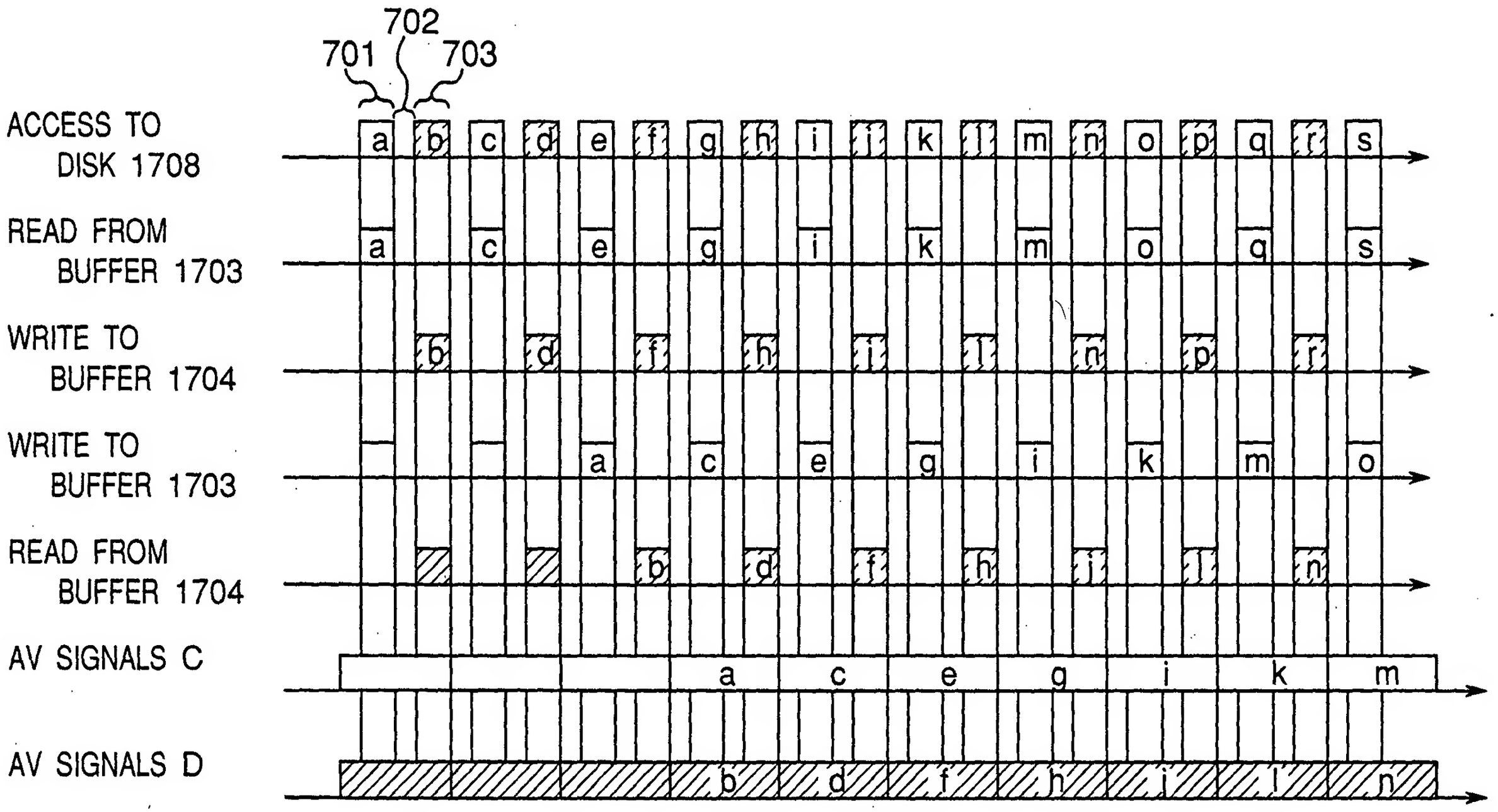
701
702
703
ACCESS TO DISK 1708
READ FROM BUFFER 1703
WRITE TO BUFFER 1704
WRITE TO BUFFER 1703
READ FROM BUFFER 1704
AV SIGNALS C
AV SIGNALS D
a b c d e f g h i j k l m n o p q r s
a c e g i k m o q s
b d f h j l n p r
a c e g i k m o
b d f h j l n
a c e g i k m
b d f h i l n

Fig.19

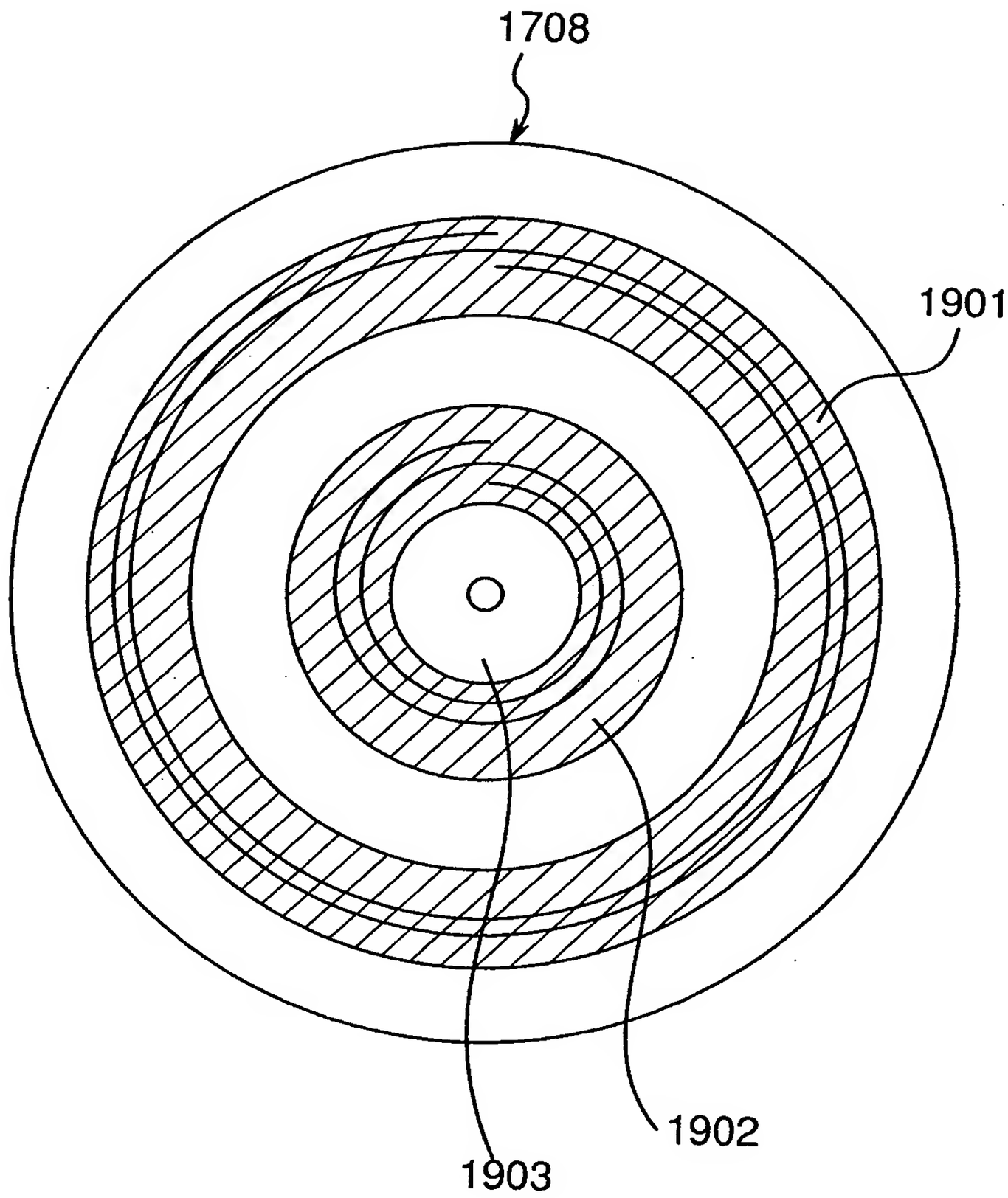

Fig.20A DATA STREAM OF AV SIGNAL C

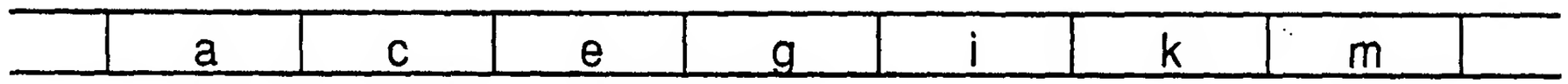

Fig.20B DATA STREAM OF AV SIGNAL D